



DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWYS 4, 13L/R, 22, 35: Climb on assigned heading for RADAR vectors to SHYNR INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence

TAKEOFF RWY 17: Climb heading 176° to 700 before turning, then climb on assigned heading for RADAR vectors to SHYNR INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence

TAKEOFF RWYS 31L/R: Climb heading 311° to 800 before turning, then climb on assigned heading for RADAR vectors to SHYNR INT, maintain 16000. Expect filed altitude 10 minutes after departure, thence

. . . . on IDU R-085 to BOCK INT, then on IDU R-085 to IDU VORTAC.

CENTEX TRANSITION (IDU9.CWK): From over IDU VORTAC on IDU R-289 and CWK R-110 to CWK VORTAC.

CORPUS CHRISTI TRANSITION (IDU9.CRP): From over IDU VORTAC on IDU R-259 to MARCS INT, then on SAT R-056 to SAT VORTAC, then on SAT R-145 and CRP R-324 to CRP VORTAC.

JUNCTION TRANSITION (IDU9.JCT): From over IDU VORTAC on IDU R-276 and JCT R-094 to JCT VORTAC.

LAREDO TRANSITION (IDU9.LRD): From over IDU VORTAC on IDU R-259 to MARCS INT, then on SAT R-056 to SAT VORTAC, then on SAT R-194 and LRD R-012 to LRD VORTAC.

TAKEOFF OBSTACLE NOTES

- Rwy 4: Pole 4403' from DER, 1609' right of centerline 121' AGL/166' MSL.
Light on building 1562' from DER, 859' right of centerline, 59' AGL/103' MSL.
Building 3990' from DER, 1223' right of centerline, 139' AGL/174' MSL.
Light on flag pole 4618' from DER, 768' right of centerline, 117' AGL/161' MSL.
- Rwy 13L: Antenna on hanger 1548' from DER, 424' left of centerline, 45' AGL/ 85' MSL.
- Rwy 13R: Vehicle and road 514' from DER, 543' right of centerline, 17' AGL/55' MSL.
Tree 1217' from DER, 756' right of centerline, 43' AGL/89' MSL.
Fence 85' from DER, 492' left of centerline, 4' AGL/45' MSL.
Vehicle and road 176' from DER, 497' left of centerline, 17' AGL/55' MSL.
Pole 1011' from DER, 696' left of centerline, 33' AGL/73' MSL.
Tree 1256' from DER, 783' left of centerline, 38' AGL/78' MSL.
- Rwy 17: Multiple poles beginning 606' from DER, 393' right of centerline, up to 79' AGL/124' MSL.
Crane 1795' from DER, 689' right of centerline, 100' AGL/150' MSL.
Antenna on building 620' from DER, 312' left of centerline, 27' AGL/72' MSL.
Multiple trees beginning 721' from DER, 260' left of centerline, up to 71' AGL/116' MSL.
RADAR reflector 1214' from DER, 258' left of centerline, 32' AGL/77' MSL.
- Rwy 22: Pole 727' from DER, 626' right of centerline, 28' AGL/77' MSL.
Tree 1310' from DER, 679' right of centerline, 27' AGL/76' MSL.
Antenna on light pole 1805' from DER, 968' right of centerline, 60' AGL/109' MSL.
- Rwy 31L: Antenna on building 547' from DER, 274' right of centerline, 23' AGL/69' MSL.
Multiple poles beginning 341' from DER, 501' left of centerline, up to 39' AGL/84' MSL.
Multiple trees beginning 1392' from DER, 466' left of centerline, up to 78' AGL/118' MSL.
- Rwy 31R: Pole 1096' from DER, 785' right of centerline, 29' AGL/75' MSL.
Antenna on building 500' from DER, 525' left of centerline, 33' AGL/69' MSL.
- Rwy 35: Antenna on light pole 738' from DER, 519' right of centerline, 40' AGL/86' MSL.
Light pole 1119' from DER, 353' right of centerline, 31' AGL/77' MSL.
Antenna on building 66' from DER, 471' left of centerline, 33' AGL/69' MSL.

SC-5, 12 OCT 2017 to 09 NOV 2017

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